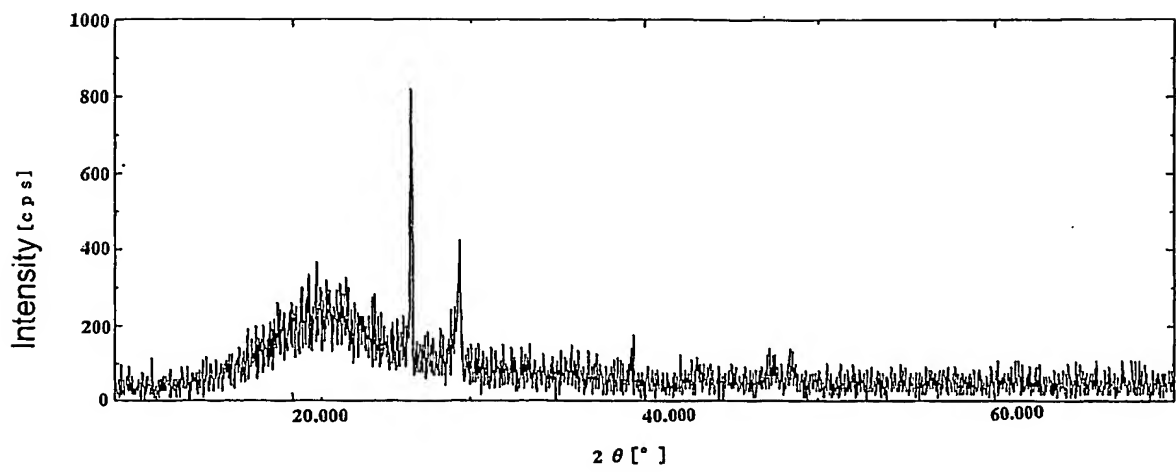


FIG. 1

(a)



(b)

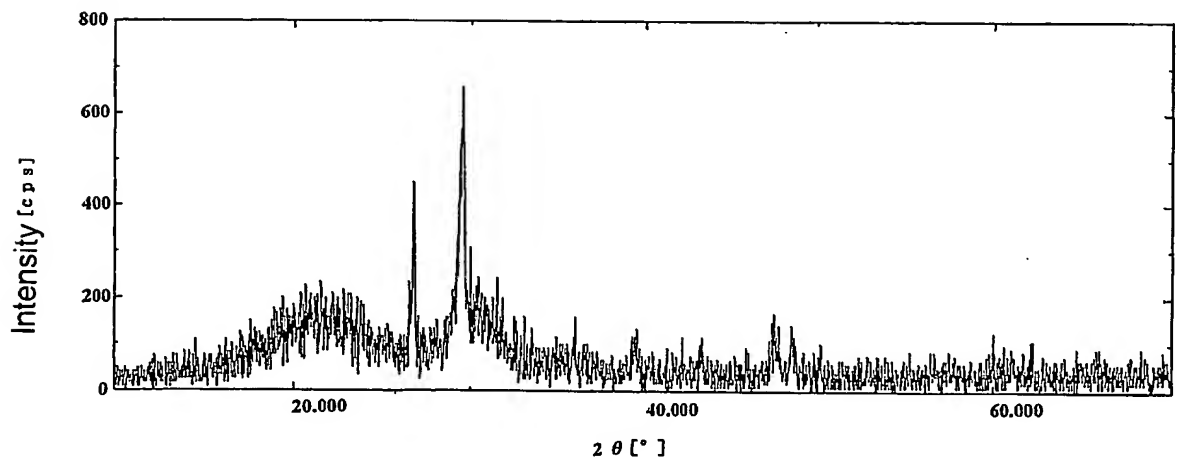


FIG. 2

EDX spectrum of oxinitride material

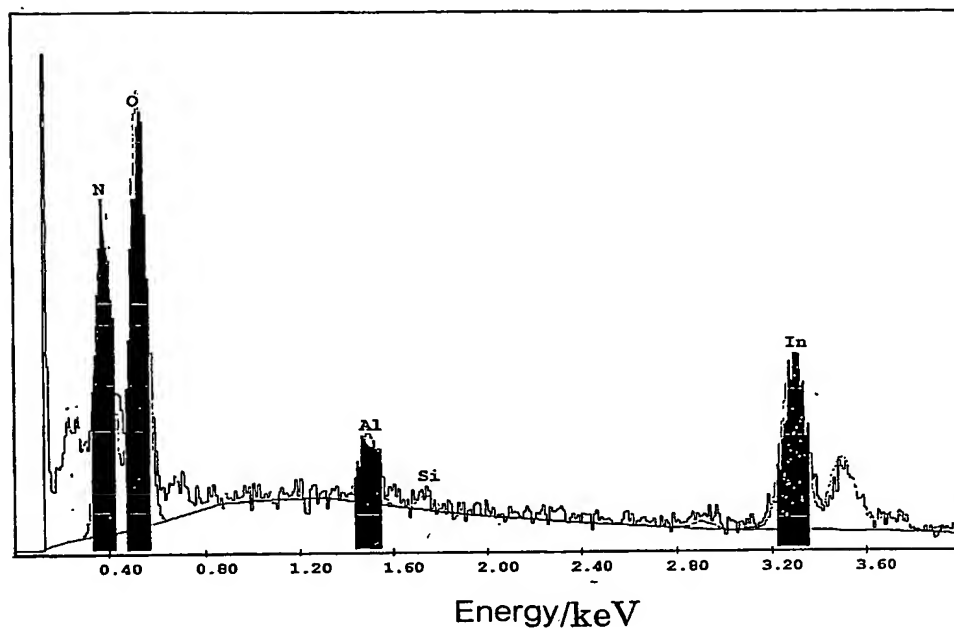


FIG. 3

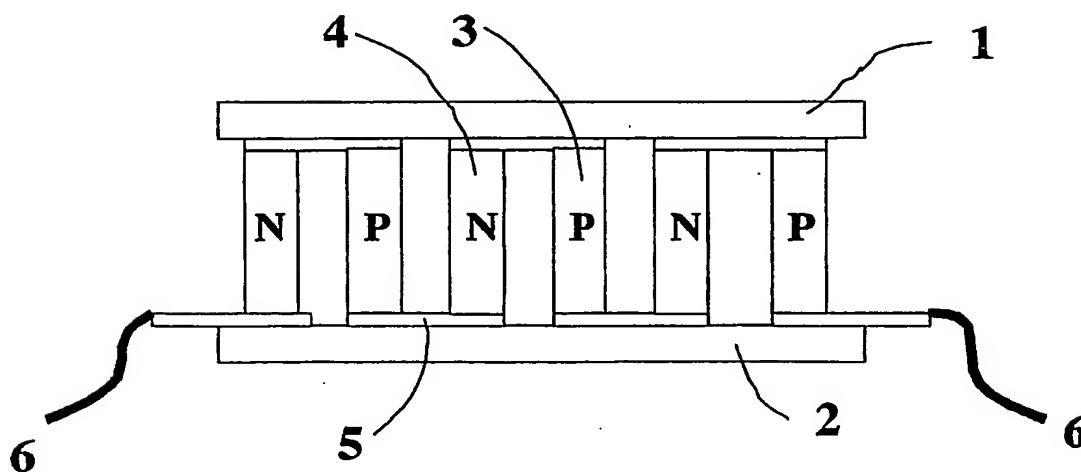


FIG. 4

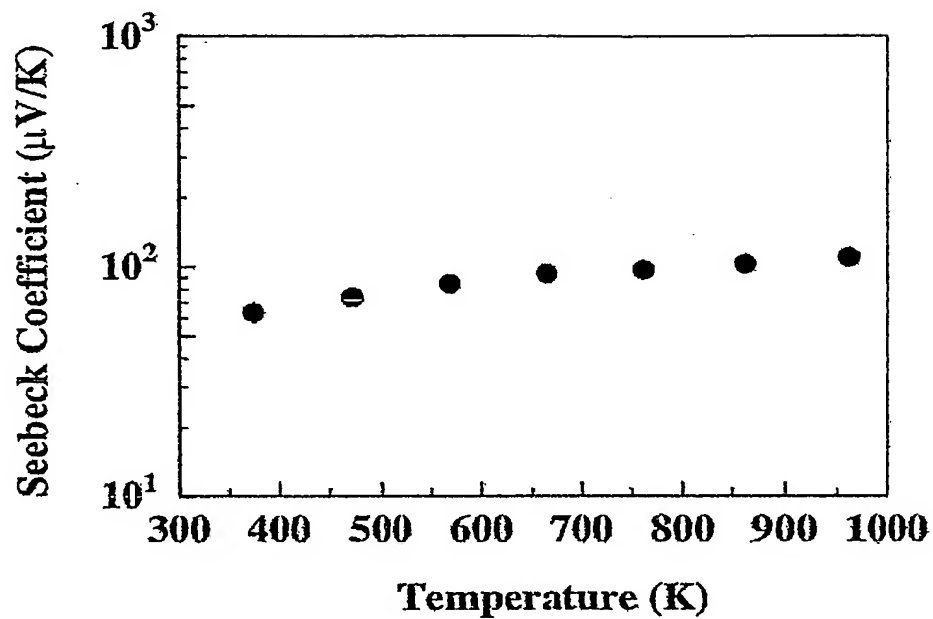
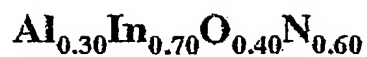


FIG. 5

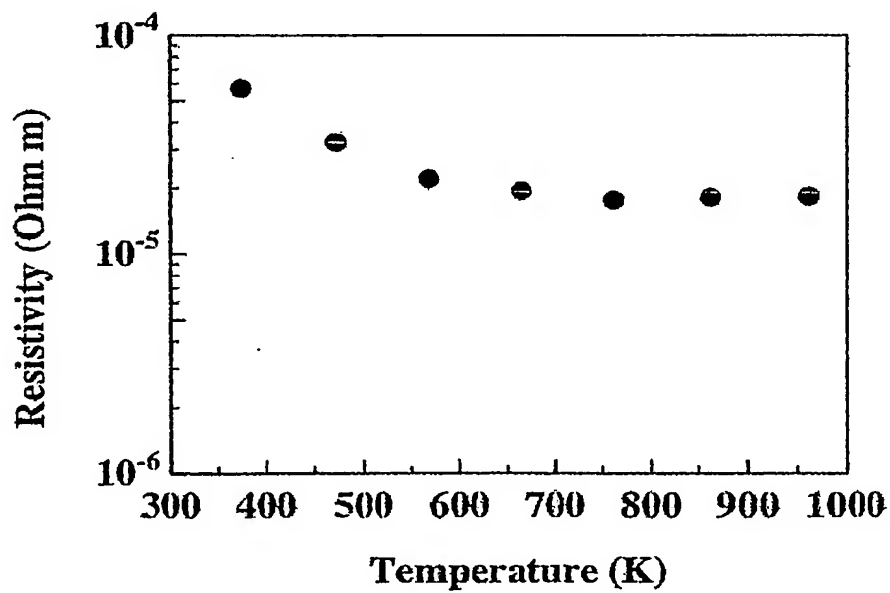
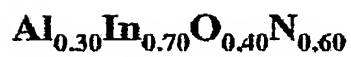


FIG. 6

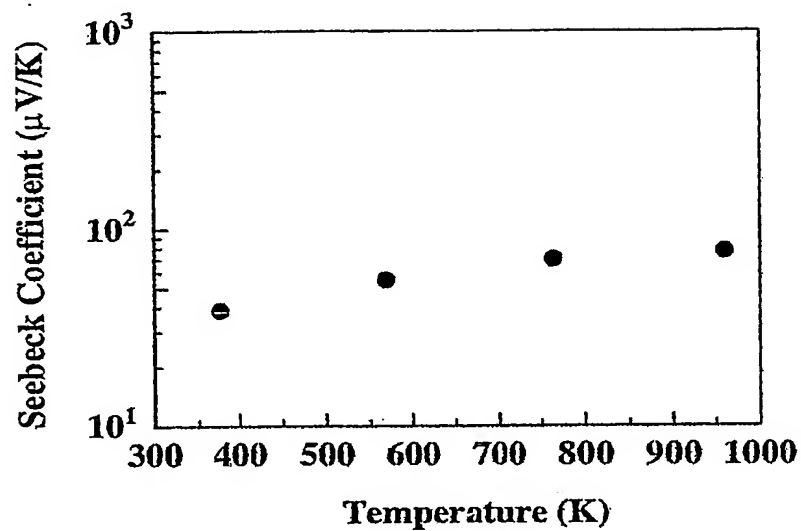


FIG. 7

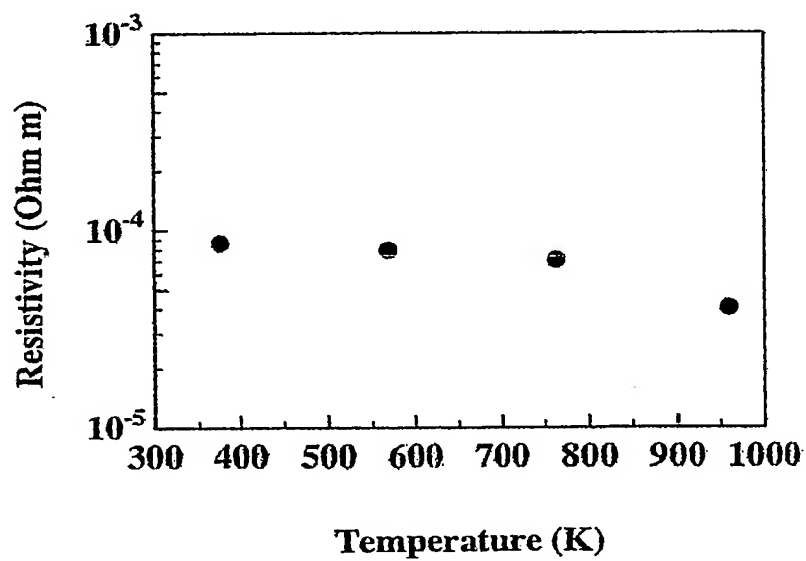


FIG. 8

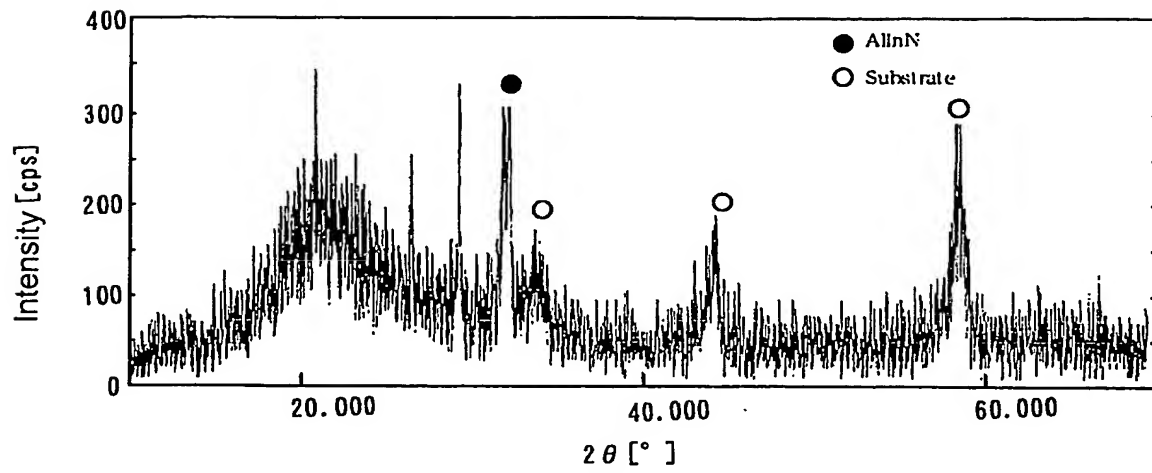
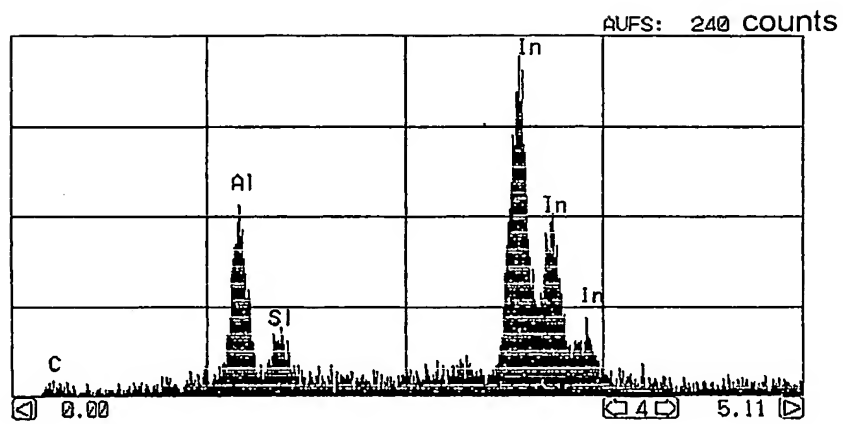
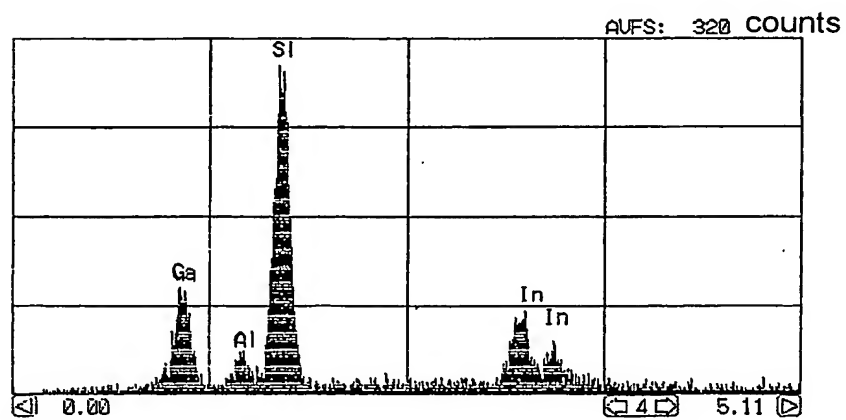


FIG. 9



(a) Composition analysis pattern of AlInN by EDX



(b) Composition analysis pattern of GaAlInN by EDX

FIG. 10

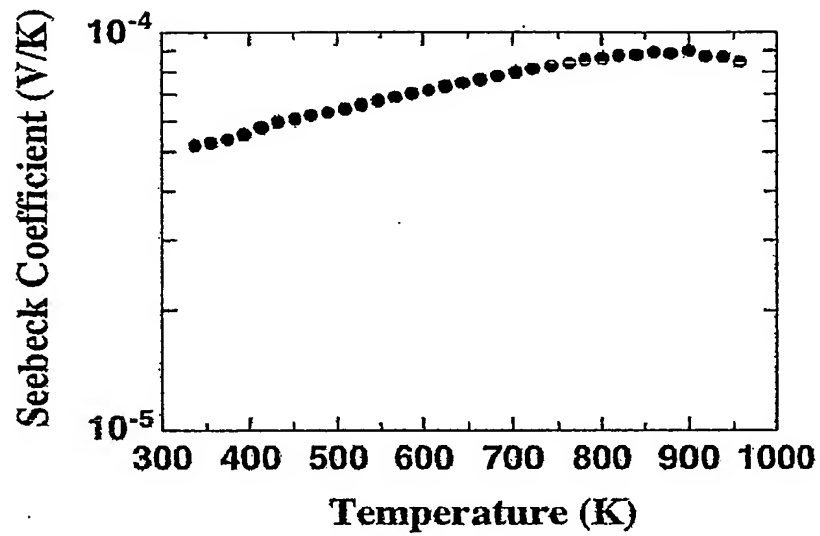
 $\text{Al}_{0.5}\text{In}_{0.5}\text{N}$ 

FIG. 11

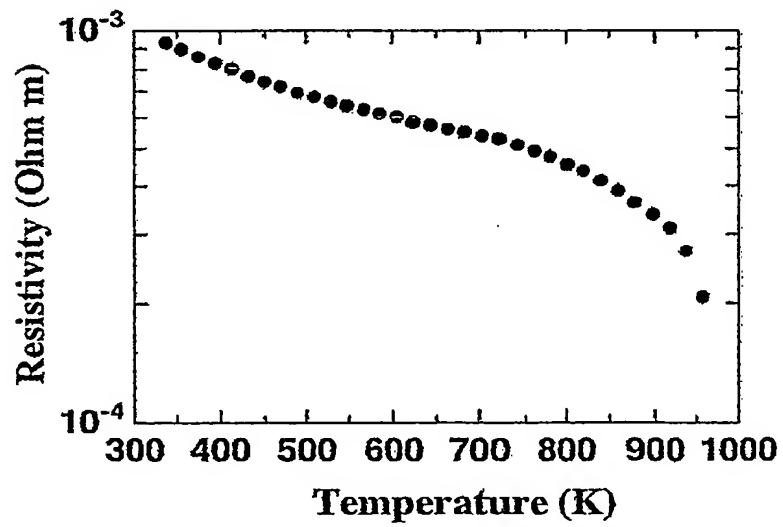
 $\text{Al}_{0.5}\text{In}_{0.5}\text{N}$ 

FIG. 12

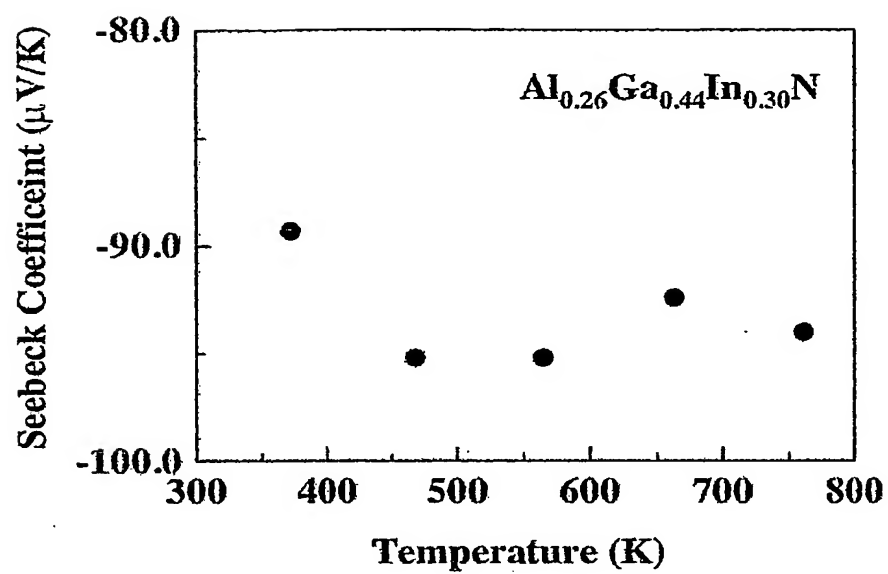


FIG. 13

